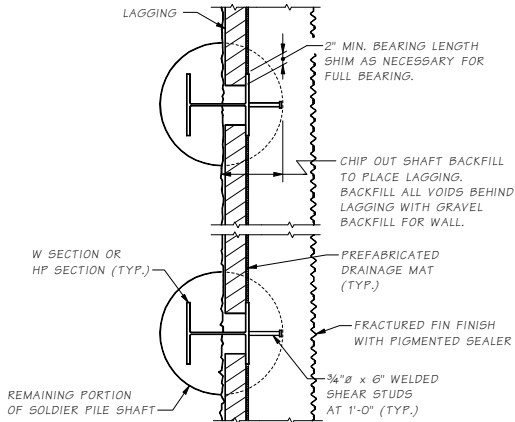


TYPICAL SECTION

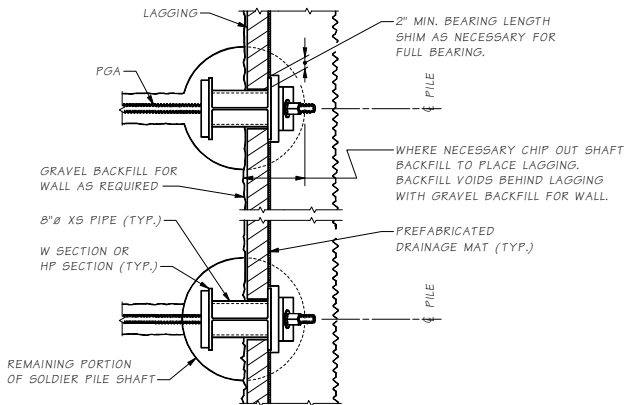
SHOWN FOR SOLDIER PILE WITH P.G.A.  
SIMILAR FOR SOLDIER PILE WITHOUT P.G.A.  
P.G.A.= PERMANENT GROUND ANCHOR  
LAGGING SYSTEM SHALL BE DESIGNED BY THE  
CONTRACTOR AND SUBMITTED TO THE ENGINEER  
FOR APPROVAL. THE SOIL TYPE FOR TIMBER  
LAGGING IS \_\_\_\_.

\* USE CONTROL DENSITY FILL WHEN PLACED  
IN THE DRY. USE LEAN PUMPABLE CONCRETE  
WHEN PLACED IN THE WET.

LAGGING IN SERVICE  
LESS THAN 36 MONTHS



PLAN - SOLDIER PILE  
WALL WITHOUT P. G. A.



PLAN - SOLDIER PILE  
WALL WITH P. G. A.

SR JOB NO. SHEET 8.1-A3-2

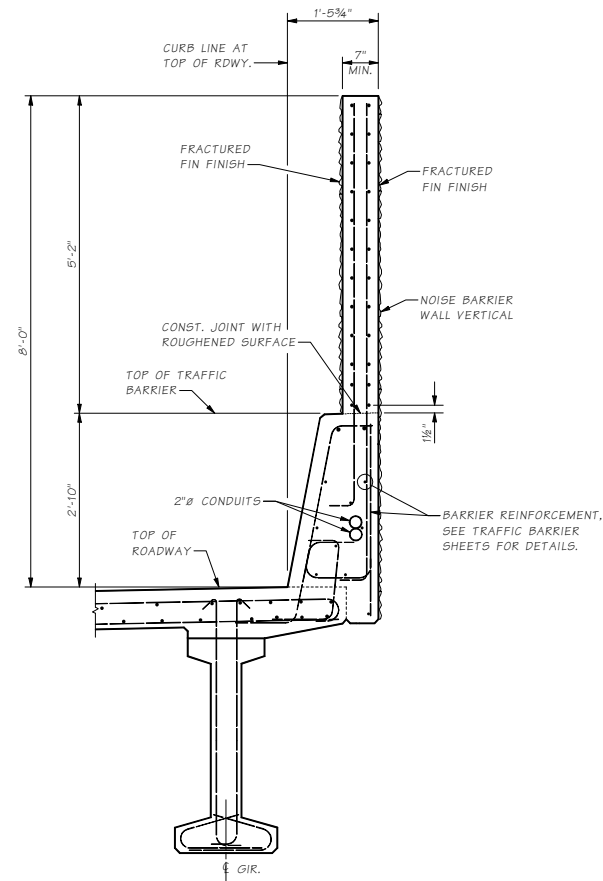
Bridge Design Engr.	M:\STANDARD\G\Wall\A\SOLDIER TIEBACK DETAILS A.MAN	WORK NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Bridge Projects Engr.						
Prelim Plan By						
Architect/Specifier	DATE	REVISION	BY	APPROD		

BRIDGE  
AND  
STRUCTURES  
OFFICE



SOLDIER PILE/TIEBACK WALL  
DETAILS 1 OF 2


DESIGN SHEET NO.
SHEET
OF
SHEETS

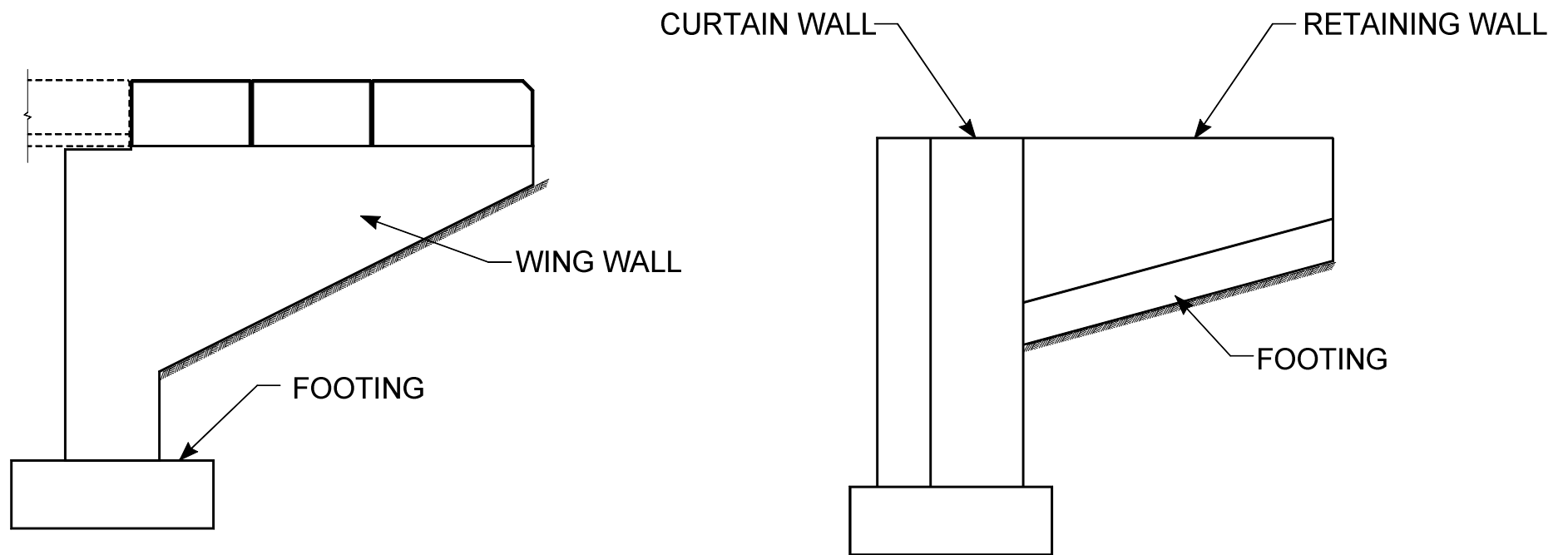





NOISE BARRIER WALL  
ON BRIDGE

SR JOB NO. SHEET

8.1-A5-1

Bridge Design Engr.		M-1STANDARDSWall&NOISE BARRIER ON BRIDGE.MAN										<div>BRIDGE AND STRUCTURES OFFICE</div> <div> Washington State Department of Transportation</div>	<div>BRIDGE SHEET NO. 1</div> <div>SHEET</div> <div>OF</div> <div>SHEETS</div>
Supervisor													
Designed By													
Checked By													
Detailed By													
Bridge Projects Engr.													
Prelim Plan By													
Architect/ Specialist		DATE	REVISION	BY	APPRO						NOISE BARRIER ON BRIDGE		



Bridge Design Engr. <i>Charles C. Ruth</i>		<i>Window</i>		BIGIN NO.		STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	 BRIDGE AND STRUCTURES OFFICE	 CHARLES C. RUTH REGISTERED PROFESSIONAL ENGINEER	 Washington State Department of Transportation	STANDARD WALLS	DESIGN SHEET NO.
Supervisor <i>Van Lund, J.A.</i>				10	WASH.				0					
Designed By				JOB NUMBER					SHEET					
Checked By									OF					
Detailed By <i>VanAssche, D9/00</i>									SUBTOTAL					
Bridge Projects Engr.														
Prelim. Plan By														
Architect/Specialist														
DATE		REVISION		BY		APPD								